

## EAST Search History

| Ref # | Hits | Search Query   | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------|------------------|---------|------------------|
| S1    | 98   | HPNA   | USPAT                  | OR               | ON      | 2005/09/20 15:14 |
| S2    | 6    | ("20020003835" "6922407" "200200114325" "6801541" "6781989" "6894999" "6701406").pn.   | US-PGPUB; USPAT        | OR               | ON      | 2005/12/15 17:36 |
| S3    | 8    | ("20020126693"   "20030072316"   "6094441"   "6269104"   "6292467"   "6421735"   "6496869"   "6768720").PN. OR ("6909725").URPN. | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/19 16:21 |
| S4    | 76   | HomePNA  | USPAT                  | OR               | ON      | 2005/12/19 16:47 |
| S6    | 66   | HomePNA and block\$3   | USPAT                  | OR               | ON      | 2005/12/19 16:50 |
| S8    | 5    | HomePNA and (block\$3 near5 frame)   | USPAT                  | OR               | ON      | 2005/12/19 16:50 |
| S12   | 166  | HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)   | USPAT                  | OR               | ON      | 2005/12/19 17:18 |
| S13   | 24   | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and (block\$ near5 frame)                                     | USPAT                  | OR               | ON      | 2005/12/19 16:53 |
| S14   | 10   | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and (block\$ adj frame)                                       | USPAT                  | OR               | ON      | 2005/12/19 16:56 |
| S16   | 7    | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and (Blocking adj frame)                                      | USPAT                  | OR               | ON      | 2005/12/19 16:58 |
| S17   | 20   | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and Blocking  | USPAT                  | OR               | ON      | 2005/12/19 16:58 |
| S18   | 51   | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and collision\$1  | USPAT                  | OR               | ON      | 2005/12/19 17:18 |

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| S19 | 19  | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and collision\$1 and capacity  | USPAT              | OR | ON | 2005/12/19 17:21 |
| S20 | 7   | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and collision\$1 and capacity and IFG  | USPAT              | OR | ON | 2005/12/19 17:21 |
| S21 | 137 | (blocking adj frame)  | USPAT              | OR | ON | 2005/12/20 15:34 |
| S24 | 104 | @ad<"20010220" and (blocking adj frame)   | USPAT              | OR | ON | 2005/12/20 15:35 |
| S25 | 108 | ((@ad<"20010220" or @rlad<"20010220") and (blocking adj frame)  | USPAT              | OR | ON | 2005/12/20 15:36 |
| S26 | 19  | ((@ad<"20010220" or @rlad<"20010220") and (blocking adj frame)) and network   | USPAT              | OR | ON | 2005/12/20 15:36 |
| S27 | 34  | ("6788950" "6785252" "6765872" "6754176" "6747968" "6741576" "6738361" "6728365" "6704932" "6704321" "6640248" "6628629" "6625156" "6600744" "6597682" "6587453" "6567416" "6567408" "6563793" "6538989" "6452915" "6411611" "6377548" "6366577" "6317438" "6262976" "6119214" "6115390" "6034967" "5982748" "5949768" "5717688" "5638371" "5623495").pn. | USPAT              | OR | ON | 2005/12/20 16:51 |
| S28 | 7   | ("6922407" "6894999" "6801541" "6781989" "6791406" "20020114325" "20020003835").pn.   | US-PGPUB;<br>USPAT | OR | ON | 2005/12/20 16:51 |
| S29 | 6   | ("6970422" "6963545" "6950397" "6862270" "6850981" "6804222").pn.   | USPAT              | OR | ON | 2006/05/18 08:42 |
| S30 | 218 | (blocking adj frame)  | US-PGPUB;<br>USPAT | OR | ON | 2006/05/18 13:36 |
| S32 | 25  | (blocking adj frame) and (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance))   | US-PGPUB;<br>USPAT | OR | ON | 2006/05/18 13:36 |

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| S33 | 1    | "5572678".pn.   | USPAT | OR | ON | 2006/05/18<br>16:45 |
| S34 | 859  | 370/376,458,459.ccls.   | USPAT | OR | ON | 2006/05/30<br>13:50 |
| S35 | 362  | 370/376,458,459.ccls. and<br>duration   | USPAT | OR | ON | 2006/05/18<br>16:46 |
| S36 | 2    | 370/376,458,459.ccls. and<br>duration and (HomePNA or<br>HPNA or (Home adj<br>Phoneline adj Network adj<br>Alliance))       | USPAT | OR | ON | 2006/05/18<br>16:46 |
| S37 | 9177 | ((home adj network\$3) or<br>HN)  | USPAT | OR | ON | 2006/05/30<br>13:30 |
| S38 | 176  | telephone near5 ((home adj<br>network\$3) or HN)  | USPAT | OR | ON | 2006/05/30<br>13:30 |
| S39 | 290  | @ad< "20010220" and<br>((telephone near5 ((home<br>adj network\$3) or HN)) or<br>HPN)                                       | USPAT | OR | ON | 2006/05/30<br>13:31 |
| S40 | 228  | ("HomePNA 2.0" or "Home<br>Phoneline Networking<br>Alliance" or "HomePNA" or<br>"HPNA" or "HPNA v2")                        | USPAT | OR | ON | 2006/05/30<br>13:33 |
| S41 | 120  | @ad< "20010220" and<br>("HomePNA 2.0" or "Home<br>Phoneline Networking<br>Alliance" or "HomePNA" or<br>"HPNA" or "HPNA v2") | USPAT | OR | ON | 2006/05/30<br>18:00 |
| S42 | 41   | S41 and collision\$1  | USPAT | OR | ON | 2006/05/30<br>15:17 |
| S44 | 10   | ("6862270" "6804222"<br>"6970422" "6850981"<br>"6999442" "6950397"<br>"7031287" "7039032"<br>"6747959" "6963545").pn.       | USPAT | OR | ON | 2006/05/30<br>14:13 |
| S45 | 120  | @ad< "20010220" and<br>("HomePNA 2.0" or "Home<br>Phoneline Networking<br>Alliance" or "HomePNA" or<br>"HPNA" or "HPNA v2") | USPAT | OR | ON | 2006/05/31<br>15:16 |
| S46 | 7    | S45 and ((frame or packet)<br>adj priorit\$3)   | USPAT | OR | ON | 2006/05/30<br>17:55 |
| S47 | 25   | @ad< "20010220" and "PRI<br>7"  | USPAT | OR | ON | 2006/05/30<br>18:08 |

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| S48 | 2136 | @ad< "20010220" and<br>(("HomePNA 2.0" or "Home<br>Phoneline Networking<br>Alliance" or "HomePNA" or<br>"HPNA" or "HPNA v2") and<br>"Medium Allocation<br>Element" or MAE)  | USPAT              | OR | ON | 2006/05/30<br>18:01 |
| S49 | 148  | "Beacon frame"  | USPAT              | OR | ON | 2006/05/30<br>18:08 |
| S50 | 94   | @ad< "20010220" and<br>"Beacon frame"   | USPAT              | OR | ON | 2006/05/30<br>18:10 |
| S53 | 45   | medium adj allocation   | USPAT              | OR | ON | 2006/05/30<br>18:11 |
| S56 | 339  | management adj frame  | USPAT              | OR | ON | 2006/05/30<br>18:12 |
| S57 | 51   | management adj frame and<br>beacon  | USPAT              | OR | ON | 2006/05/30<br>18:12 |
| S58 | 13   | management adj frame<br>near5 beacon  | USPAT              | OR | ON | 2006/05/30<br>18:15 |
| S59 | 41   | ("6788950" "6785252"<br>"6765872" "6754176"<br>"6747968" "6741576"<br>"6738361" "6728365"<br>"6704932" "6704321"<br>"6640248" "6628629"<br>"6625156" "6600744"<br>"6597682" "6587453"<br>"6567416" "6567408"<br>"6563793" "6538989"<br>"6452915" "6411611"<br>"6377548" "6366577"<br>"6317438" "6262976"<br>"6119214" "6115390"<br>"6034967" "5982748"<br>"5949768" "5717688"<br>"5638371" "5623495"<br>"6922407" "6894999"<br>"6801541" "6781989"<br>"6701406" "20020114325"<br>"20020003835").pn. | US-PGPUB;<br>USPAT | OR | ON | 2006/05/30<br>18:18 |

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| S60 | 6   | ("6788950" "6785252"<br>"6765872" "6754176"<br>"6747968" "6741576"<br>"6738361" "6728365"<br>"6704932" "6704321"<br>"6640248" "6628629"<br>"6625156" "6600744"<br>"6597682" "6587453"<br>"6567416" "6567408"<br>"6563793" "6538989"<br>"6452915" "6411611"<br>"6377548" "6366577"<br>"6317438" "6262976"<br>"6119214" "6115390"<br>"6034967" "5982748"<br>"5949768" "5717688"<br>"5638371" "5623495"<br>"6922407" "6894999"<br>"6801541" "6781989"<br>"6701406" "20020114325"<br>"20020003835").pn. and<br>beacon             | US-PGPUB;<br>USPAT | OR | ON | 2006/05/30<br>18:30 |
| S61 | 4   | ("6788950" "6785252"<br>"6765872" "6754176"<br>"6747968" "6741576"<br>"6738361" "6728365"<br>"6704932" "6704321"<br>"6640248" "6628629"<br>"6625156" "6600744"<br>"6597682" "6587453"<br>"6567416" "6567408"<br>"6563793" "6538989"<br>"6452915" "6411611"<br>"6377548" "6366577"<br>"6317438" "6262976"<br>"6119214" "6115390"<br>"6034967" "5982748"<br>"5949768" "5717688"<br>"5638371" "5623495"<br>"6922407" "6894999"<br>"6801541" "6781989"<br>"6701406" "20020114325"<br>"20020003835").pn. and<br>beacon and backoff | US-PGPUB;<br>USPAT | OR | ON | 2006/05/30<br>18:34 |
| S66 | 108 | (medium adj allocation)   | US-PGPUB;<br>USPAT | OR | ON | 2006/05/30<br>18:30 |
| S67 | 5   | (medium adj allocation) and<br>beacon   | US-PGPUB;<br>USPAT | OR | ON | 2006/05/30<br>18:30 |
| S68 | 34  | beacon and (backoff near5<br>priorit\$3)  | US-PGPUB;<br>USPAT | OR | ON | 2006/05/30<br>18:34 |

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| S69 | 4    | @ad< "20010220" and (beacon and (backoff near5 priorit\$3))  | US-PGPUB; USPAT        | OR | ON  | 2006/05/30 18:35 |
| S70 | 1    | @ad< "20010220" and (("HomePNA 2.0" or "Home Phoneline Networking Alliance" or "HomePNA" or "HPNA" or "HPNA v2") and remap\$5 and priorit\$3)  | USPAT                  | OR | ON  | 2006/05/31 15:16 |
| S71 | 11   | ("20020031123"   "20040062225"   "5220565"   "6134232"   "6175590"   "6222841"   "6522665"   "6697378").PN. OR ("6882634").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON  | 2006/05/31 15:18 |
| S73 | 15   | @ad< "20010220" and (remap\$5 near5 priorit\$3)  | USPAT                  | OR | ON  | 2006/05/31 18:02 |
| S74 | 1    | "6732315".pn.  | US-PGPUB; USPAT        | OR | OFF | 2006/11/20 15:02 |
| S75 | 0    | @ad< "20010220" and (("medium allocation element" or (MAE)) and (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)))  | US-PGPUB; USPAT        | OR | OFF | 2006/11/20 15:03 |
| S76 | 2477 | "802.11n" or ("HomePlug AV" or HomePlug) or (MoCA or ("Multimedia over Coax")) or (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance))   | US-PGPUB; USPAT        | OR | OFF | 2006/11/20 15:05 |
| S77 | 639  | @ad< "20010220" and ("802.11n" or ("HomePlug AV" or HomePlug) or (MoCA or ("Multimedia over Coax")) or (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)))   | US-PGPUB; USPAT        | OR | OFF | 2006/11/20 15:10 |
| S78 | 34   | @ad< "20010220" and ("802.11n" or ("HomePlug AV" or HomePlug) or (MoCA or ("Multimedia over Coax")) or (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance))) and ((MAP or "Media Allocation Point") or (MAE or "Medium Allocation Element")) | US-PGPUB; USPAT        | OR | OFF | 2006/11/20 15:11 |

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| S79 | 8   | ("6118793" "7068649"<br>"6961344" "6137793"<br>"7035270" "7010051"<br>"6252881" "7197244").pn.                             | US-PGPUB;<br>USPAT | OR | ON | 2007/06/27<br>14:17 |
| S80 | 3   | @ad< "20010220" and<br>(("Home Phoneline<br>Network" or HPN) same<br>(frame\$1 or packet\$1 or cell<br>\$1) same block\$3) | US-PGPUB;<br>USPAT | OR | ON | 2007/06/27<br>14:21 |
| S81 | 36  | @ad< "20010220" and<br>(("Home Phoneline<br>Network" or HPN) same<br>(frame\$1 or packet\$1 or cell<br>\$1))               | US-PGPUB;<br>USPAT | OR | ON | 2007/06/27<br>14:46 |
| S82 | 99  | @ad< "20010220" and<br>(Inter adj frame adj gap)   | US-PGPUB;<br>USPAT | OR | ON | 2007/06/27<br>14:52 |
| S83 | 4   | @ad< "20010220" and<br>((Inter adj frame adj gap)<br>and ("Home Phoneline<br>Network" or HomePNA))                         | US-PGPUB;<br>USPAT | OR | ON | 2007/06/27<br>14:52 |
| S84 | 5   | @ad< "20010220" and<br>(recogniz\$3 same (Inter adj<br>frame adj gap))   | US-PGPUB;<br>USPAT | OR | ON | 2007/06/27<br>14:53 |
| S85 | 0   | @ad< "20010220" and<br>(blocking adj frame) same<br>deriv\$7   | USPAT              | OR | ON | 2008/11/20<br>16:14 |
| S86 | 2   | @ad< "20010220" and<br>(blocking adj frame) same<br>content  | USPAT              | OR | ON | 2008/11/20<br>16:15 |
| S87 | 2   | (@ad< "20010220" or<br>@rlad< "20010220") and<br>(blocking adj frame) same<br>content                                      | USPAT              | OR | ON | 2008/11/23<br>16:27 |
| S88 | 5   | (@ad< "20010220" or<br>@rlad< "20010220") and<br>block\$3 adj (frame or<br>packet or PDU) same<br>content same deriv\$7    | USPAT              | OR | ON | 2008/11/23<br>16:27 |
| S89 | 167 | (@ad< "20010220" or<br>@rlad< "20010220") and<br>block\$3 adj (frame or<br>packet or PDU) same deriv<br>\$7                | USPAT              | OR | ON | 2008/11/23<br>16:37 |
| S90 | 167 | (@ad< "20010220" or<br>@rlad< "20010220") and<br>block\$3 adj (frame or<br>packet or PDU) same deriv<br>\$7                | USPAT              | OR | ON | 2008/11/23<br>16:37 |

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| S91 | 21  | S90 and "370".clas.  | USPAT              | OR | ON | 2008/11/23<br>16:37 |
| S92 | 106 | (@ad<"20010220" or<br>@rlad<"20010220") and<br>(frame or packet or PDU)<br>same (transmission adj<br>duration)           | USPAT              | OR | ON | 2008/11/23<br>16:40 |
| S93 | 4   | (@ad<"20010220" or<br>@rlad<"20010220") and<br>(frame or packet or PDU)<br>same (transmission adj<br>duration adj field) | USPAT              | OR | ON | 2008/11/23<br>16:40 |
| S94 | 165 | (@ad<"20010220" or<br>@rlad<"20010220") and<br>(frame or packet or PDU)<br>same Chaff                                    | USPAT              | OR | ON | 2008/11/23<br>16:42 |
| S95 | 3   | (@ad<"20010220" or<br>@rlad<"20010220") and<br>(frame or packet or PDU)<br>adj Chaff                                     | USPAT              | OR | ON | 2008/11/23<br>16:42 |
| S96 | 8   | (@ad<"20010220" or<br>@rlad<"20010220") and<br>Chaff adj packet  | US-PGPUB;<br>USPAT | OR | ON | 2008/11/23<br>16:43 |
| S97 | 247 | @ad<"20010220" and "370".<br>clas. and "EFS"   | US-PGPUB;<br>USPAT | OR | ON | 2008/11/23<br>16:53 |

11/23/2008 7:05:04 PM

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